



FACTOIDS: Drinking Water and Ground Water Statistics for 2005

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There are approximately 158,000 public drinking water systems in the United States. Each of these systems regularly supplies drinking water to at least 25 people or 15 service connections. Beyond their common purpose, the 158,000 systems vary widely. The following tables group water systems into categories that show their similarities and differences. For example, the first table shows that most people in the US (282 million) get their water from a community water system. There are approximately 53,000 community water systems, but just eight percent of those systems (4,034) serve 81 percent of the people. The second table shows that more water systems have ground water than surface water as a source--but more people drink from a surface water system. Other tables break down these national numbers by state, territory, and EPA region.

This package also contains figures on the types and locations of underground injection control wells. EPA and states regulate the placement and operation of these wells to ensure that they do not threaten underground sources of drinking water. The underground injection control program statistics are based on separate reporting from the states to EPA.

The drinking water system statistics on the following pages are taken from the Safe Drinking Water Information System/Federal version (SDWIS/Fed). SDWIS/Fed is the U.S. Environmental Protection Agency's official record of public drinking water systems, their violations of state and EPA regulations, and enforcement actions taken by EPA or states as a result of those violations. EPA maintains the database using information collected and submitted by the states.

Notice: Compliance statistics are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data. An analysis of SDWIS/Fed data quality is available at www.epa.gov/safewater/data/reports.html

For more information and additional drinking water data tables, please visit <http://www.epa.gov/safewater/data/getdata.html>.

Acronyms & Abbreviations:

CWS: Community Water System

FY: (federal) Fiscal Year [October 1-September 30]

GPRA: Government Performance and Results Act--program measures

M/R: Monitoring/Reporting violation [water system's failure to monitor for, or report to the state, the level of a contaminant on the required schedule]

MCL: Maximum Contaminant Level [the legal limit on a contaminant in drinking water]

MRDL: Maximum Residual Disinfectant Level [for disinfectants added to drinking water]

NTNCWS: Non-Transient Non-Community Water System

Other: Other violations of EPA rules (including failure to provide public notice of another violation, or failure to prepare and/or distribute a Consumer Confidence Report)

Pop. Served: Population served (by a water system)

PWS: Public Water System

PWSS: Public Water System Supervision program

SDWIS/FED: Safe Drinking Water System/Federal version

TNCWS: Transient Non-Community Water System

TT: Treatment Technique [a drinking water treatment required by EPA or state rules]

FY2005 Drinking Water Factoids

Public Water System Inventory data

Active, current systems, from Safe Drinking Water Information System/Federal version (SDWIS/FED) 05Q4 frozen inventory table

System size

by population served

		Very Small 500 or less	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
CWS	# systems	29,666	14,389	4,748	3,648	386	52,837
	Pop. served	4,925,748	20,851,292	27,514,714	102,747,558	126,304,807	282,344,119
	% of systems	56%	27%	9%	7%	1%	100%
	% of pop	2%	7%	10%	36%	45%	100%
NTNCWS	# systems	16,348	2,707	102	17		19,174
	Pop. served	2,282,628	2,710,912	557,742	504,915		6,056,197
	% of systems	85%	14%	1%	0%	0%	100%
	% of pop	38%	45%	9%	8%	0%	100%
TNCWS	# systems	83,351	2,721	111	23	4	86,210
	Pop. served	7,298,704	2,667,051	598,506	604,213	2,994,000	14,162,474
	% of systems	97%	3%	0%	0%	0%	100%
	% of pop	52%	19%	4%	4%	21%	100%
Total # systers		129,365	19,817	4,961	3,688	390	158,221

CWS = Community Water System: A public water system that supplies water to the same population year-round.

NTNCWS = Non-Transient Non-Community Water System: A public water system that regularly supplies water to at least 25 of the same people at least six months per year, but not year-round. Some examples are schools, factories, office buildings, and hospitals which have their own water systems.

TNCWS = Transient Non-Community Water System: A public water system that provides water in a place such as a gas station or campground where people do not remain for long periods of time.

Water source

Type		Ground Water	Surface Water	Totals
CWS	# systems	40,018	11,737	51,755
	Pop. served	89,539,197	191,130,147	280,669,344
	% of systems	77%	23%	100%
	% of pop	32%	68%	100%
NTNCWS	# systems	18,438	607	19,045
	Pop. served	5,410,376	611,002	6,021,378
	% of systems	97%	3%	100%
	% of pop	90%	10%	100%
TNCWS	# systems	83,930	1,852	85,782
	Pop. served	11,305,555	801,399	12,106,954
	% of systems	98%	2%	100%
	% of pop	93%	7%	100%
Total # systers		142,386	14,196	156,582

Ground water systems = ground water (GW), purchased ground water (GWP)

Surface water systems = surface water (SW), purchased surface water (SWP),

ground water under the direct influence of surface water (GU),

purchased ground water under the direct influence of surface water (GUP).

SDWIS/FED 05Q4 tables were "frozen" in early January 2006

FY2005 water system data--by State

Active, current systems, from SDWIS/FED 05Q4 frozen inventory table

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 05Q4 frozen violations table

Key:

systems
Pop served

	CWS	NTNCWS	TNCWS	Total	Ground	Surface	CWSs w/ reported health-based violations	
AK	434	224	868	1,526	1,267	258	79	18%
	465,689	49,811	97,713	613,213	309,194	303,991	42,254	9%
AL	547	30	65	642	362	278	11	2%
	5,302,078	19,598	7,129	5,328,805	1,291,619	4,027,151	73,461	1%
AR	724	35	346	1,105	691	414	117	16%
	2,545,934	9,759	20,991	2,576,684	920,801	1,655,883	315,803	12%
AZ	799	207	601	1,607	1,514	55	84	11%
	5,169,318	128,946	121,126	5,419,390	2,673,229	2,721,883	549,274	11%
CA	3,042	1,423	2,960	7,425	6,297	1,128	231	8%
	35,092,021	399,947	1,814,925	37,306,893	9,987,863	27,319,030	1,749,858	5%
CO	841	160	977	1,978	1,495	473	74	9%
	5,047,040	85,016	278,747	5,410,803	691,760	4,718,240	157,647	3%
CT	581	636	1,664	2,881	2,797	84	73	13%
	2,686,573	124,288	60,322	2,871,183	416,765	2,454,418	101,365	4%
DC	3	2		5		5	1	33%
	606,000	3,570		609,570		609,570	595,000	98%
DE	220	106	189	515	480	4	11	5%
	826,623	29,128	59,563	915,314	426,854	342,284	3,156	0%
FL	1,892	973	3,272	6,137	6,020	77	174	9%
	17,508,874	251,598	291,532	18,052,004	14,974,999	3,033,908	873,459	5%
GA	1,694	227	543	2,464	2,085	250	75	4%
	7,397,163	66,782	85,756	7,549,701	1,547,536	5,991,143	365,459	5%
HI	112	13	2	127	95	4	6	5%
	1,329,854	11,043	375	1,341,272	1,246,897	48,456	24,884	2%
IA	1,138	139	714	1,991	1,824	165	83	7%
	2,602,059	45,117	86,499	2,733,675	1,485,584	1,247,783	257,463	10%
ID	744	240	1,031	2,015	1,940	75	93	13%
	971,118	51,371	111,972	1,134,461	876,808	257,653	65,929	7%
IL	1,777	415	3,690	5,882	5,153	722	197	11%
	11,634,050	140,851	387,828	12,162,729	3,352,132	8,810,371	945,137	8%
IN	838	675	2,894	4,407	4,256	130	84	10%
	4,643,488	200,424	401,945	5,245,857	2,882,016	2,350,107	125,452	3%
KS	906	49	100	1,055	683	369	112	12%
	2,568,339	18,374	4,139	2,590,852	719,889	1,870,128	227,401	9%
KY	415	40	63	518	168	350	68	16%
	4,681,127	14,835	8,567	4,704,529	381,178	4,323,351	604,141	13%
LA	1,100	169	273	1,542	1,377	97	176	16%
	4,837,691	70,509	59,408	4,967,608	2,872,844	2,017,582	956,758	20%
MA	521	251	934	1,706	1,481	225	57	11%
	8,942,825	69,791	165,439	9,178,055	1,912,764	7,265,291	641,073	7%
MD	500	577	2,592	3,669	3,572	97	27	5%
	4,851,705	162,869	187,117	5,201,691	964,497	4,237,194	281,506	6%
ME	396	377	1,206	1,979	1,894	83	78	20%
	618,693	72,033	194,739	885,465	468,071	416,966	110,259	18%
MI	1,445	1,561	8,737	11,743	11,287	314	57	4%
	7,494,469	369,819	1,035,597	8,899,885	3,117,264	5,724,783	78,616	1%
MN	963	554	5,943	7,460	7,336	111	37	4%
	4,045,910	90,299	527,055	4,663,264	3,325,539	1,336,626	210,453	5%
MO	1,471	244	1,021	2,736	2,488	248	203	14%
	5,019,638	76,773	123,312	5,219,723	1,840,249	3,379,474	295,825	6%
MS	1,156	90	104	1,350	1,338	12	38	3%
	3,087,781	76,007	51,082	3,214,870	2,869,428	345,442	174,219	6%

FY2005 water system data--by State

Active, current systems, from SDWIS/FED 05Q4 frozen inventory table

Key:

systems
Pop served

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 05Q4 frozen violations table

CWSs w/ reported health-based violations

	CWS	NTNCWS	TNCWS	Total	Ground	Surface		
MT	680	220	1,160	2,060	1,824	230	77	11%
	679,831	59,168	171,753	910,752	503,309	406,986	111,143	16%
NC	2,177	557	4,213	6,947	6,488	457	354	16%
	6,504,757	150,325	346,476	7,001,558	1,885,985	5,111,946	1,220,271	19%
ND	323	25	167	515	419	96	29	9%
	553,259	3,829	14,963	572,051	217,655	354,396	39,399	7%
NE	601	185	558	1,344	1,285	50	145	24%
	1,425,818	51,529	59,656	1,537,003	758,923	777,080	244,137	17%
NH	708	449	1,220	2,377	2,308	66	94	13%
	821,209	91,438	319,029	1,231,676	687,799	543,709	55,482	7%
NJ	591	845	2,558	3,994	3,617	110	27	5%
	8,336,736	291,663	418,219	9,046,618	3,462,912	5,524,237	845,514	10%
NM	645	153	475	1,273	1,165	67	81	13%
	1,611,795	43,578	95,627	1,751,000	1,488,290	255,346	177,453	11%
NV	239	106	252	597	518	22	21	9%
	2,352,513	38,612	25,319	2,416,444	344,415	2,028,106	29,592	1%
NY	2,810	755	6,290	9,855	8,325	1,315	197	7%
	17,922,399	327,355	2,914,107	21,163,861	4,862,731	14,244,958	8,472,888	47%
OH	1,312	939	3,169	5,420	5,065	351	125	10%
	10,100,668	221,157	469,611	10,791,436	3,428,584	7,360,057	496,802	5%
OK	1,133	112	363	1,608	850	740	237	21%
	3,518,456	20,750	27,419	3,566,625	593,266	2,951,623	1,393,137	40%
OR	875	339	1,430	2,644	2,270	303	135	15%
	2,963,120	73,453	225,634	3,262,207	745,658	2,494,557	172,763	6%
PA	2,111	1,190	6,454	9,755	9,128	617	114	5%
	10,474,400	500,089	831,641	11,806,130	2,532,669	9,272,543	286,588	3%
RI	84	77	314	475	450	25	21	25%
	976,078	26,929	54,355	1,057,362	211,707	845,655	137,955	14%
SC	651	163	596	1,410	1,154	235	77	12%
	3,493,736	52,166	34,809	3,580,711	735,196	2,500,045	194,021	6%
SD	456	29	187	672	539	133	52	11%
	658,896	12,032	25,330	696,258	291,821	404,437	23,654	4%
TN	686	43	400	1,129	604	517	35	5%
	5,501,830	30,961	59,744	5,592,535	1,474,895	4,113,869	263,829	5%
TX	4,521	798	1,222	6,541	5,354	1,184	510	11%
	26,367,891	385,069	251,744	27,004,704	7,651,018	19,353,058	1,900,638	7%
UT	451	63	431	945	878	57	26	6%
	2,532,960	27,515	68,155	2,628,630	1,801,469	824,780	132,694	5%
VA	1,242	599	1,248	3,089	2,589	379	174	14%
	6,253,809	320,001	209,184	6,782,994	852,662	5,446,095	338,649	5%
VT	436	241	690	1,367	1,237	122	66	15%
	447,464	43,983	97,117	588,564	305,608	280,754	45,336	10%
WA	2,263	328	1,516	4,107	3,867	227	265	12%
	5,703,029	139,416	411,378	6,253,823	3,985,224	2,260,858	241,126	4%
WI	1,086	941	9,383	11,410	11,360	49	96	9%
	3,889,975	191,637	693,514	4,775,126	3,027,343	1,745,978	605,278	16%
WV	531	152	509	1,192	836	354	51	10%
	1,428,441	42,197	34,878	1,505,516	310,462	1,194,892	162,764	11%
WY	279	86	400	765	640	120	32	11%
	444,883	18,002	80,719	543,604	184,504	358,120	46,460	10%
	51,150	18,812	85,994	155,956	140,670	13,854	5,287	
	274,940,013	5,801,412	14,123,259		103,899,885	187,462,793	27,463,425	

FY2005 water system data--Tribal

Active, current systems, from SDWIS/FED 05Q4 frozen inventory table

Key:

systems
Pop served

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 05Q4 frozen violations table

CWSs w/ reported health-based violations

Region	CWS	NTNCWS	TNCWS	Total	Ground	Surface		
01	1	2	2	5	5			0%
	41,000	60	70	41,130	41,130			0%
02	8		3	11	10	1		0%
	7,650		300	7,950	5,150	2,800		0%
04	16	2	18	36	32	1		0%
	19,639	1,107	2,035	22,781	8,954	9,500		0%
05	79	26	8	113	109	2	4	5%
	87,652	24,485	1,313	113,450	107,001	489	426	0%
06	47	19	14	80	73	4	5	11%
	58,921	25,160	869	84,950	80,740	3,580	5,638	10%
07	10		5	15	12	1	1	10%
	5,169		2,650	7,819	6,914	700	700	14%
08	114	10	3	127	101	25	16	14%
	88,068	4,867	210	93,145	60,780	31,350	15,345	17%
09	245	46	35	326	291	18	42	17%
	251,655	79,559	5,963	337,177	300,595	28,029	65,701	26%
10	82	17	11	110	25	3	11	13%
	40,404	7,420	2,496	50,320	8,188	1,650	4,802	12%
Navajo Nation	150	5	4	159	113	2	5	3%
	136,991	2,605	868	140,464	102,856	5,034	8,709	6%
	752	127	103	982	771	57	84	
	737,149	145,263	16,774		722,308	83,132	101,321	

FY2005 water system data--Commonwealths and Territories

Active, current systems, from SDWIS/FED 05Q4 frozen inventory table

Key:

systems
Pop served

Health-based (Treatment Technique & Maximum Contaminant Level) violations, from 05Q4 frozen violations table

CWSs w/ reported health-based violations

	CWS	NTNCWS	TNCWS	Total	Ground	Surface		
Amer.	19			19	3		5	26%
Samoa	51,231			51,231	1,062		954	2%
Guam	10	2		12	7	5		0%
	109,070	770		109,840	17,790	92,050		0%
N.	80	30	17	127	123	4		0%
Marianas	99,030	8,485	2,045	109,560	43,078	66,482		0%
Puerto Rico	467	56	6	529	284	245	305	65%
	5,507,481	45,845	2,339	5,555,665	833,097	4,722,568	4,919,023	89%
Palau	16	2		18	2	16		0%
	12,060	1,163		13,223	400	12,823		0%
Virgin Islands	73	143	86	302	299	3	7	10%
	78,593	49,558	10,635	138,786	69,786	69,000	595	1%
	665	233	109	1,007	718	273	317	
	5,857,465	105,821	15,019		965,213	4,962,923	4,920,572	

Government Performance and Results Act (GPRA)-- Strategic Sub-objective For Drinking Water 2.1.1

GPRA requires agencies to develop plans for what they intend to accomplish, measure how well they are doing, make appropriate decisions based on the information they have gathered, and communicate information about their performance to Congress and to the public.

EPA Strategic Objective 2.1: Protect Public Health, Sub-objective 2.1.1: Water Safe To Drink: By 2008, 95% of the population served by community water systems will receive drinking water that meets all applicable health-based drinking water standards through effective treatment and source water protection. (2002 Baseline: 93.6 percent of population; note that year-to-year performance is expected to change over time as new standards take effect.)

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

	Nationally	By EPA region									
		1	2	3	4	5	6	7	8	9	10
2005	88%	92%	55%	93%	93%	94%	88%	91%	95%	95%	95%
2004	90%	93%	80%	85%	93%	96%	92%	92%	92%	86%	93%
2003	90%	89%	54%	95%	93%	95%	93%	93%	92%	98%	93%
2002	94%	88%	81%	98%	96%	94%	93%	95%	97%	99%	91%
2001	91%	65%	77%	98%	95%	92%	96%	90%	94%	97%	83%
2000	91%	62%	76%	97%	95%	95%	96%	95%	94%	94%	83%
1999	91%	75%	61%	98%	95%	95%	95%	95%	94%	97%	94%
1998	89%	64%	60%	97%	95%	95%	95%	94%	93%	95%	89%
1997	87%	62%	55%	97%	93%	92%	93%	95%	91%	95%	74%
1996	86%	60%	53%	92%	93%	92%	94%	95%	92%	91%	74%
1995	84%	57%	52%	91%	92%	92%	88%	95%	90%	88%	75%
1994	83%	57%	55%	87%	90%	88%	87%	94%	91%	90%	87%
1993	79%	60%	56%	85%	90%	77%	92%	93%	92%	69%	85%
		CT	NJ	DE	AL	IL	AR	IA	CO	AZ	AK
		ME	NY	DC	FL	IN	LA	KS	MT	CA	ID
		MA	PR	MD	GA	MI	NM	MO	ND	HI	OR
		NH	VI	PA	KY	MN	OK	NE	SD	NV	WA
		RI		VA	MS	OH	TX		UT	AS	
		VT		WV	NC	WI			WY	GU	
					SC					MP	
					TN					PW	

Health-based violations include Maximum Contaminant Level (MCL), Maximum Residual Disinfectant Level (MRDL) and Treatment Technique (TT) violations.

Population data are based on active, current water systems

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

For FY2004, population and violation data are from SDWIS/FED 04Q4 frozen tables.

For FY2003, population and violation data are from SDWIS/FED 03Q4 frozen tables.

For FY2002, population and violation data are from SDWIS/FED 02Q4 frozen tables.

For FY2001, population and violation data are from SDWIS/FED 01Q4 frozen tables. CA population data from 00Q4 frozen tables

For FY2000, population and violation data are from SDWIS/FED 00Q4 frozen tables.

For FY1999, population and violation data are from SDWIS/FED 99Q4 frozen tables.

For FY1998, population and violation data are from SDWIS/FED 98Q4 frozen tables.

For FY1997 and earlier, population and violation data are from SDWIS/FED 98Q1 frozen tables.

Government Performance and Results Act (GPRA)-- Strategic Targets for Standards In Place Before 12/2001

GPRA requires agencies to develop plans for what they intend to accomplish, measure how well they are doing, make appropriate decisions based on the information they have gathered, and communicate information about their performance to Congress and to the public.

EPA Strategic Targets: by 2008, 95% of community water systems and 95% of the population served by them will provide drinking water that meets all existing health-based standards with which systems need to comply as of December 2001. (2002 Baseline: 93.6% of the population, 91.6 percent of systems).

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

% Population served

		By EPA region									
Nationally		1	2	3	4	5	6	7	8	9	10
2005	91%	93%	62%	95%	95%	95%	94%	94%	96%	95%	96%
2004	92%	94%	86%	92%	95%	96%	96%	93%	93%	86%	93%
2003	91%	90%	59%	97%	94%	95%	96%	94%	93%	98%	93%
2002	94%	88%	81%	98%	96%	94%	94%	95%	97%	99%	91%

% Systems The systems measure was added to provide context to the population-based measure because it is less volatile and is not biased towards large systems.

		By EPA region									
Nationally		1	2	3	4	5	6	7	8	9	10
2005	92%	87%	88%	94%	94%	93%	93%	90%	92%	92%	88%
2004	92%	87%	90%	92%	94%	93%	93%	90%	92%	92%	87%
2003	92%	86%	90%	93%	93%	94%	93%	89%	92%	95%	88%
2002	92%	86%	89%	92%	94%	93%	93%	87%	92%	95%	87%
		CT	NJ	DE	AL	IL	AR	IA	CO	AZ	AK
		ME	NY	DC	FL	IN	LA	KS	MT	CA	ID
		MA	PR	MD	GA	MI	NM	MO	ND	HI	OR
		NH	VI	PA	KY	MN	OK	NE	SD	NV	WA
		RI		VA	MS	OH	TX		UT	AS	
		VT		WV	NC	WI			WY	GU	
					SC					MP	
					TN					PW	

Health-based violations include Maximum Contaminant Level (MCL) and Treatment Technique (TT) violations.

Population data are based on active, current water systems

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

For FY2004, population and violation data are from SDWIS/FED 04Q4 frozen tables.

For FY2003, population and violation data are from SDWIS/FED 03Q4 frozen tables.

For FY2002, population and violation data are from SDWIS/FED 02Q4 frozen tables.

Government Performance and Results Act (GPRA)-- Strategic Targets for Standards In Place After 2001

GPRA requires agencies to develop plans for what they intend to accomplish, measure how well they are doing, make appropriate decisions based on the information they have gathered, and communicate information about their performance to Congress and to the public.

EPA Strategic Targets: by 2008, 80% of community water systems and 95% of the population served by them will provide drinking water that meets all existing health-based standards with a compliance date of January 2002 or later.

Notice: These measures are based on violations reported by states to the EPA Safe Drinking Water Information System. EPA is aware of inaccuracies and underreporting of some data in this system. We are working with the states to improve the quality of the data.

Applicable standards in FY2005:

- * Interim Enhanced Surface Water Treatment Rule--CWSs w/ surface water sources serving 10,000 or more people
- * Disinfection By-Products (DBP) Rule for CWSs that disinfect. In FY2003, this rule applied to systems serving >10,000 people

% Population served

Nationally		By EPA region									
		1	2	3	4	5	6	7	8	9	10
2005	96%	99%	84%	98%	98%	99%	93%	97%	99%	99%	100%
2004	97%	99%	84%	92%	98%	100%	96%	99%	99%	100%	100%
2003	96%	98%	79%	98%	97%	100%	94%	97%	99%	100%	100%

% Systems The systems measure was added to provide context to the population-based measure because it is less volatile and is not biased towards large systems.

Nationally		By EPA region									
		1	2	3	4	5	6	7	8	9	10
2005	97%	99%	97%	97%	97%	99%	93%	97%	98%	99%	99%
2004	99%	99%	99%	100%	99%	100%	98%	99%	99%	100%	100%
2003	93%	96%	76%	92%	93%	99%	86%	92%	98%	100%	100%
		CT	NJ	DE	AL	IL	AR	IA	CO	AZ	AK
		ME	NY	DC	FL	IN	LA	KS	MT	CA	ID
		MA	PR	MD	GA	MI	NM	MO	ND	HI	OR
		NH	VI	PA	KY	MN	OK	NE	SD	NV	WA
		RI		VA	MS	OH	TX		UT	AS	
		VT		WV	NC	WI			WY	GU	
					SC					MP	
					TN					PW	

Health-based violations include Maximum Contaminant Level (MCL), Maximum Residual Disinfectant Level (MRDL), and Treatment Technique (TT) violations.

Population data are based on all active Community Water Systems

For FY2005, population and violation data are from SDWIS/FED 05Q4 frozen tables.

For FY2004, population and violation data are from SDWIS/FED 04Q4 frozen tables.

For FY2003, population and violation data are from SDWIS/FED 03Q4 frozen tables.

CWS violations reported by FY

FY2005 data from SDWIS/FED 05Q4 frozen tables, except for Chem M/Rs which will be from 06Q1

FY2004 data from SDWIS/FED 04Q4 frozen tables, except for Chem M/Rs which are from 05Q1

FY2003 data from SDWIS/FED 03Q4 frozen tables, except for Chem M/Rs which are from 04Q1

FY2002 data from SDWIS/FED 02Q4 frozen tables, except for Chem M/Rs which are from 03Q1

FY2001 data from SDWIS/FED 01Q4 frozen tables, except for Chem M/Rs which are from 02Q1

Number of violations

FY	MCL	MRDL	TT	M/R	Other*	Total
2005	9,739	4	3,036		18,414	
2004	5,562	6	2,168	96,225	14,459	118,420
2003	4,884	1	2,299	68,840	12,671	88,695
2002	4,693		2,408	80,635	11,759	99,495
2001	5,231		2,493	63,476	11,455	82,655

Number of systems in violation

FY	MCL	MRDL	TT	M/R	Other*	Total	*
2005	4,472	4	1,625		10,258		
2004	3,455	4	1,409	13,693	8,947	21,200	
2003	3,069	1	1,458	12,880	8,109	20,343	
2002	3,193		1,482	12,430	8,386	20,232	
2001	3,241		1,572	13,639	8,631	20,996	

Population affected

FY	MCL	MRDL	TT	M/R	Other*	Total	*
2005	19,228,465	424,859	16,879,450		23,442,800		
2004	15,060,424	3,617	16,588,301	51,043,156	17,833,120	79,058,089	
2003	16,082,938	2,250	16,969,087	49,812,213	12,726,332	81,672,086	
2002	8,800,095		9,245,467	32,503,639	17,809,478	56,644,512	
2001	11,165,733		15,474,893	52,618,908	25,780,359	77,845,089	

by system size

Number of violations

	MCL	MRDL	TT	M/R	Other	Total
Very small	4,503	2	1,379		13,745	
Small	3,345		878		3,251	
Medium	1,207		367		841	
Large	655	1	360		538	
Very large	29	1	52		39	

Number of systems in violation

	MCL	MRDL	TT	M/R	Other	Total	*
Very small	2,309	2	856		7,195		
Small	1,298		448		2,106		
Medium	535		190		554		
Large	314	1	117		376		
Very large	16	1	14		27		

Population affected

	MCL	MRDL	TT	M/R	Other	Total	*
Very small	381,487	382	145,546		1,096,668		
Small	1,923,107		673,331		2,748,348		
Medium	3,109,101		1,091,052		3,164,884		
Large	7,719,379	21,477	3,474,627		9,722,383		
Very large	6,095,391	403,000	11,494,894		6,710,517		

* Totals for the number of systems in violation, and for population affected, should be lower than the sum in each row.

This is because some systems will have incurred more than one type of violation.

Compliance information since FY2003 includes new DBP and IESWTR rules

NTNCWS violations reported by FY

FY2005 data from SDWIS/FED 05Q4 frozen tables, except for Chem M/Rs which will be from 06Q1

FY2004 data from SDWIS/FED 04Q4 frozen tables, except for Chem M/Rs which are from 05Q1

FY2003 data from SDWIS/FED 03Q4 frozen tables, except for Chem M/Rs which are from 04Q1

FY2002 data from SDWIS/FED 02Q4 frozen tables, except for Chem M/Rs which are from 03Q1

FY2001 data from SDWIS/FED 01Q4 frozen tables, except for Chem M/Rs which are from 02Q1

Number of violations

FY	MCL	MRDL	TT	M/R	Other	Total
2005	1,980	1	853		717	
2004	1,381		681		538	
2003	1,391		680		503	
2002	1,336		720		227	
2001	1,258		696		305	

Number of systems in violation

FY	MCL	MRDL	TT	M/R	Other	Total *
2005	1,207	1	550		491	
2004	1,033		474		356	
2003	1,029		495		317	
2002	1,005		529		155	
2001	921		515		213	

Population affected

FY	MCL	MRDL	TT	M/R	Other	Total *
2005	352,038	110	164,644		122,177	
2004	288,280		130,242		88,003	
2003	266,522		140,053		85,026	
2002	302,322		165,522		57,016	
2001	359,556		222,120		82,910	

TNCWS violations reported by FY

Number of violations

FY	MCL	MRDL	TT	M/R	Other	Total
2005	5,043		502		4,800	
2004	5,032		415		3,028	
2003	5,082		573		8,640	
2002	4,837		626		2,339	
2001	4,596		677		1,467	

Number of systems in violation

FY	MCL	MRDL	TT	M/R	Other	Total *
2005	3,977		215		2,284	
2004	3,974		195		1,697	
2003	4,071		245		3,685	
2002	3,858		249		1,142	
2001	3,687		256		826	

Population affected

FY	MCL	MRDL	TT	M/R	Other	Total *
2005	542,026		86,648		344,411	
2004	549,673		51,915		234,291	
2003	541,950		40,518		340,950	
2002	504,967		60,692		137,795	
2001	558,780		46,987		118,847	

* Totals for the number of systems in violation, and for population affected, should be lower than the sum in each row.

This is because some systems will have incurred more than one type of violation.

Compliance information since FY2003 includes new DBP and IESWTR rules

FY2005 MCL, MRDL and TT violations reported

From SDWIS/FED 05Q4 frozen violations table

Key: # violations
systems
Pop. affected

	Very small 25-500	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
Microbials: Applies to all water systems						
TCR/T	7,502	1,030	307	264	10	9,113
	5,861	794	253	185	8	7,101
	626,238	993,841	1,539,678	4,685,738	4,506,563	12,352,058
Applies to surface water systems that disinfect (TNCWSs that use ClO2)						
Stage 1 DBP	1,383	2,447	868	225	3	4,926
	473	741	313	97	3	1,627
	96,829	1,194,425	1,753,462	2,083,147	901,000	6,028,863
Applies to surface water systems						
SWTR	965	321	139	33	5	1,463
	484	183	76	26	3	772
	82,829	248,454	450,144	674,947	7,686,534	9,142,908
Applies to surface water systems						
IE&LT1SWTR	144	145	74	268	41	672
	64	73	43	60	9	249
	12,741	105,800	232,028	1,894,202	3,012,546	5,257,317
Organics: Applies to CWS and NTNCWS						
VOC	38	6	1	5		50
	23	6	1	4		34
	2,610	10,955	3,826	158,469		175,860
SOC	24	6	5			35
	16	5	4			25
	2,095	8,820	21,218			32,133
Inorganics: Applies to CWS and NTNCWS						
Nitrates	775	151	10	6	1	943
	447	81	6	5	1	540
	50,383	90,706	31,858	145,525	290,000	608,472
Arsenic	81	8	3	4		96
	49	5	2	1		57
	7,501	3,730	8,569	89,952		109,752
Other IOC	422	59	22	12	2	517
	153	26	10	9	2	200
	24,604	36,077	71,130	237,469	295,007	664,287
Applies to CWS						
Radionuclides	602	278	95	137	12	1,124
	221	100	36	35	3	395
	41,301	137,363	208,583	863,822	505,821	1,756,890
Applies to CWS and NTNCWS						
Lead & Copper	1,247	318	58	24	6	1,653
	887	231	41	20	2	1,181
	128,156	294,920	228,612	599,148	795,814	2,046,650

Acronyms:

TCR/T = Total Coliform Rule/Turbidity

SWTR = Surface Water Treatment Rule

IE<1SWTR = Interim Enhanced and Long Term 1 Surface Water Treatment Rule

DBP = Disinfectants By-Products Rule

VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHMs (which are listed in DBP Rule)

SOC = Synthetic organic chemicals (e.g., Atrazine)

Other IOC = Regulated inorganic contaminants (e.g., arsenic) other than Copper, Lead, Nitrate, and Nitrite

FY2005 Monitoring violations reported

From SDWIS/FED 05Q4 frozen violations table (except for Chem M/Rs)

Chem M/R data will be from SDWIS/FED 05Q1 frozen violations table, which will be frozen in April

Key:	# violations
	# systems
	Pop. affected

	Very small 25-500	Small 501-3,300	Medium 3,301-10,000	Large 10,001-100,000	Very Large >100,000	Total
Microbials:	Applies to all water systems					
TCR/T	30,915	2,960	437	216	15	34,543
	18,606	1,793	293	166	13	20,871
	1,961,168	2,129,177	1,665,210	4,525,941	1,978,931	12,260,427

	Applies to surface water systems that disinfect (TNCWSs that use ClO2)					
Stage 1 DBP	4,017	1,561	431	212	22	6,243
	2,063	794	218	127	15	3,217
	343,466	1,080,205	1,230,148	3,060,405	5,194,896	10,909,120

	Applies to surface water systems					
SWTR	1,523	472	142	41	11	2,189
	373	148	57	28	7	613
	68,974	192,386	311,232	778,620	1,164,845	2,516,057

	Applies to surface water systems					
IE&LT1SWTR	284	386	147	154	45	1,016
	115	127	64	76	24	406
	21,893	189,655	379,210	2,392,900	10,811,349	13,795,007

Organics:	Applies to CWS and NTNCWS					
VOC						
SOC						

Inorganics:	Applies to CWS and NTNCWS					
Nitrates						
Arsenic						
Other IOC						

	Applies to CWS					
Radionuclides						

	Applies to CWS and NTNCWS					
Lead & Copper	10,619	2,038	351	172	27	13,207
	7,026	1,473	277	139	13	8,928
	1,001,064	1,806,265	1,586,975	3,322,204	12,909,949	20,626,457

Acronyms:

TCR/T = Total Coliform Rule/Turbidity

SWTR = Surface Water Treatment Rule

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DBP = Disinfectants By-Products Rule

VOC = Regulated volatile organic contaminants (e.g., Benzene) other than TTHMs (which are listed in DBP Rule)

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Other IOC = Regulated inorganic contaminants (e.g., arsenic) other than Copper, Lead, Nitrate, and Nitrite

Underground Injection Control program--inventory of wells

Types of wells:

- Class I Deep industrial waste disposal
- Class II For oil and natural gas production
- Class III Related to mineral recovery
- Class IV Banned, inject hazardous or radioactive waste above USDWs
- Class V Generally shallow disposal wells. There are an **estimated 650,000 Class V wells nationally**

Class I through IV data from annual reporting by states and EPA Regions

The Class V estimate is based on state estimates and modeling of storm water and large capacity septic

	Class I hazardous waste wells	Class I non- hazardous waste wells	Class II wells	Class III facilities (which may contain multiple wells)	Class III wells	Class IV facilities (which may contain multiple wells)
AK		6	925			
AL			347	1	3	
AR	6	10	1,078			
AZ				3	15	
CA		6	24,955	1	73	
CO		5	787	2	35	
FL	1	136	64			
IA			1			
IL	3	1	8,949			
IN	4	7	1,340			
KS	6	44	16,371	5	157	
KY		1	3,429			
LA	17	28	3,824	15	67	
MI	9	15	1,459	3	22	
MO			211			
MS	6	1	881			
MT			897			
ND		2	377			
NE		1	704	1	1,879	
NM		5	5,577	19	104	
NV			12			
NY		1	503	6	126	
OH	10	2	2,890	3	47	1
OK		11	11,448	1	1	
OR			2			
PA		10	1,897	1	10	
SD			63			
TN			14			
TX	60	46	51,998	86	5,789	
UT			256	1	4	2
VA		3	252	1	3	1
WA			1			
WV			700	3	31	
WY		23	4,666	12	8,211	1
EPA R2 tribal			12			
EPA R6 tribal	1		2,674			
EPA R8 tribal			723			
EPA R9 tribal			542			
	122	364	146,878	164	16,577	5